

INDUSTRIAL COMPONENT DATA

MKDS 10 HV/ 3-ZB-10,16 H1L 1701110 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/ 3-ZB-10,16 H1L



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 10 HV/ 3-ZB-10,16 H1L
Catalog number	1701110
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-4AA001FB3F
Generated	2026-09-28

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 76 A, rated voltage (III/2): 1000 V, rated cross-section: 16 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: MKDS 10 HV, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Zigzag Pins W, Pin length [P]: 5 mm, number of soldering pins per potential: 2, packaging type: boxed

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1701110

Packing unit 1

GTIN 4046356515290

Custom tariff number 85369010

Dimensions

Length [l] 18.7 mm

Pitch 10.16 mm

Dimension a 20.32 mm

Width [w] 30.48 mm

Height 30.8 mm

Height [h] 35.8 mm

Solder pin [P] 5 mm

Hole diameter 1.5 mm

General

Range of articles MKDS 10 HV

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Rated voltage (III/3) 800 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 76 A

Nominal cross section 10 mm²

Solder pin surface

Internal cylindrical gage B6

Stripping length 10 mm

Number of positions 3

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

Connection data

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

2 conductors with same cross section, solid min. 0.5 mm²

2 conductors with same cross section, solid max. 6 mm²

2 conductors with same cross section, stranded min. 0.5 mm²

2 conductors with same cross section, stranded max. 6 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 4 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 6 mm²

Standards and Regulations

Connection in acc. with standard...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/ 3-ZB-10,16 H1L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.